

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P28700Application No.
10/553,948INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Yukio SATO et al.Filing Date
I.A. Filed April 23, 2004Group
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/NA/	2004 /	0 2 4 8 8 3 4	12/09/04	KLINMAN et al.			
/NA/	2006 /	0 0 7 4 0 3 9	04/06/06	KLINMAN et al.			
/NA/		6 9 4 9 5 2 0	09/27/05	HARTMANN et al.			
/NA/	2005 /	0 1 6 9 8 8 8	08/04/05	HARTMANN et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/NA/	0 3 /	0 2 7 3 1 3	04/03/03	W.I.P.O.			
/NA/	2 0 0 3 -	5 1 0 2 9 0	03/18/03	JAPAN			
/NA/	0 1 /	2 2 9 9 0	04/05/01	W.I.P.O.			
/NA/	2 0 0 2 -	5 2 1 4 8 9	07/16/02	JAPAN			
/NA/	0 0 /	0 6 5 8 8	02/10/00	W.I.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/NA/	1	KALNIK et al., "O ⁶ -Ethylguanine Carcinogenic Lesions in DNA: An NMR Study of O ⁶ etG·C Pairing in Dodecanucleotide Duplexes", Biochemistry, vol. 28 (1989), pp. 6182-6192.
	2	KAWAI et al., "Intrastrand 2'β Hydrogen Abstraction of 5'-Adjacent Deoxyguanosine by Deoxyuridin-5-yl in Z-form DNA", Tetrahedron Letters, vol. 40 (1999), pp. 2589-2592.
	3	LEE et al., "DNA Microstructural Requirements for Neocarzinostatin Chromophore-induced Direct Strand Cleavage", Nucleic Acids Research, vol. 17, no. 14 (1989), pp. 5809-5825.
	4	ZHAO et al., "Site of Chemical Modifications in CpG Containing Phosphorothioate Oligodeoxynucleotide Modulates Its Immunostimulatory Activity", Bioorganic & Medicinal Chemistry Letters, vol. 9 (1999), pp. 3453-3458.
	5	SATO et al., "Immunostimulatory DNA Sequences Necessary for Effective Intradermal Gene Immunization", Science, vol. 273 (1996), pp. 352-354.
	6	KRIEG et al. "CpG Motifs in Bacterial DNA Trigger Direct B-cell Activation", Nature, vol. 374 (1995), pp. 546-549.
	7	MIYATA et al., "Unmethylated Oligo-DNA Containing CpG Motifs Aggravates Collagen-Induced Arthritis in Mice", Arthritis & Rheumatism, vol. 43, no. 11 (2000), pp. 2578-2582.
	8	LEADBETTER et al., "Chromatin-IgG Complexes Activate B-cells by Dual Engagement of IgM and Toll-like Receptors", Nature, vol. 416 (2002), pp.603-607.

EXAMINER

/Nina Archie/

DATE CONSIDERED

12/21/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.